



Time Well Wasted

by Arya Akhavan

Gemology Online Faceting Design Competition 2013

Ostentatious Entry 2

Angles for R.I. = 1.540

253 + 30 girdles = 283 facets

3-fold, mirror-image symmetry

96 index

L/W = 1.007 T/W = 0.389 U/W = 0.378

P/W = 0.457 C/W = 0.140

Vol./W³ = 0.196

PAVILION

P1	50.96°	01-31-33-63-65-95	Cut to centerpoint.
P2	50.40°	03-29-35-61-67-93	Meet at culet.
P3	49.00°	06-26-38-58-70-90	Meet at culet.
P4	47.66°	09-23-41-55-73-87	Meet at culet.
P5	46.65°	12-20-44-52-76-84	Meet at culet.
G1	90.00°	01-31-33-63-65-95	Set stone size.
G2	90.00°	03-29-35-61-67-93	Level girdle.
G3	90.00°	06-26-38-58-70-90	Level girdle.
G4	90.00°	09-23-41-55-73-87	Level girdle.
G5	90.00°	12-20-44-52-76-84	Level girdle.
P6	47.97°	96-32-64	Meet P1, G1
P7	47.97°	02-30-34-62-66-94	Meet P1, P2, G1, G2
P8	46.98°	05-27-37-59-69-91	Meet P2, P3, G2, G3
P9	45.47°	10-22-42-54-74-86	Meet P3, P4, P8; P4, P5, G4, G5
P10	45.98°	01-31-33-63-65-95	Meet P1, P6, P7
P11	44.98°	03-29-35-61-67-93	Meet P2, P7, P8
P12	44.12°	07-25-39-57-71-89	Meet P3, P4, P8, P9
P13	44.48°	02-30-34-62-66-94	Meet P7, P10, P11
P14	43.00°	06-26-38-58-70-90	Meet P8, P11, P12; P9, P12
P15	43.64°	01-31-33-63-65-95	Meet P10, P13; P13, P14

CROWN

C1	32.64°	01-31-33-63-65-95	Set girdle width.
C2	32.64°	03-29-35-61-67-93	Level girdle.
C3	32.59°	06-26-38-58-70-90	Level girdle.
C4	32.64°	09-23-41-55-73-87	Level girdle.
C5	32.64°	12-20-44-52-76-84	Level girdle.
C6	29.97°	96-32-64	Meet G1, C1
C7	29.97°	02-30-34-62-66-94	Meet G1, G2, C1, C2
C8	29.97°	04-28-36-60-68-92	Meet G2, G3, C2, C3
C9	29.97°	07-25-39-57-71-89	Meet G3, G4, C3, C4
C10	30.65°	13-19-45-51-77-83	Meet C4, C5, C9; G5, C5
C11	28.25°	01-31-33-63-65-95	Meet C1, C6, C7
C12	28.25°	03-29-35-61-67-93	Meet C2, C7, C8
C13	27.67°	05-27-37-59-69-91	Meet C3, C8, C9
C14	24.15°	09-23-41-55-73-87	Meet C4, C5, C9, C10
C15	27.10°	96-32-64	Meet C6, C11
C16	26.37°	02-30-34-62-66-94	Meet C7, C11, C12
C17	26.80°	04-28-36-60-68-92	Meet C8, C12, C13
C18	22.58°	08-24-40-56-72-88	Meet C9, C13, C14
C19	20.29°	10-22-42-54-74-86	Meet C10, C14
C20	25.86°	01-31-33-63-65-95	Meet C11, C15, C16
C21	25.12°	03-29-35-61-67-93	Meet C12, C16, C17
C22	20.73°	07-25-39-57-71-89	Meet C13, C17, C18
C23	20.29°	09-23-41-55-73-87	Meet C14, C18, C19
C24	22.00°	96-32-64	Meet C15, C20
C25	22.09°	04-28-36-60-68-92	Meet C17, C21, C22; C16, C20, C21, C24
C26	19.57°	08-24-40-56-72-88	Meet C18, C22, C23; C19, C23
C27	19.12°	03-29-35-61-67-93	Meet C16, C20, C21, C24, C25; C22, C25, C26
C28	16.18°	05-27-37-59-69-91	Meet C22, C25, C26, C27
C29	18.06°	09-23-41-55-73-87	Meet C19, C23, C26, C30
T	0.00°	Table	Meet C24, C27; C26, C28, C29

This diagram is in the public domain, and may be reproduced freely with full credit given to the author.

C:\Users\ARYADE~1\Pictures\COMPET~1\2013OS~2.GEM